

SECTION XV

**BASE METALS AND ARTICLES
OF BASE METAL**

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Notes

1. This section does not cover:
 - (a) Prepared paints, inks or other products with a basis of metallic flakes or powder (headings 3207 to 3210, 3212, 3213 or 3215);
 - (b) Ferrocérium or other pyrophoric alloys (heading 3606);
 - (c) Headgear or parts thereof of heading 6506 or 6507;
 - (d) Umbrella frames or other articles of heading 6603;
 - (e) Goods of chapter 71 (for example, precious metal alloys, base metal clad with precious metal, imitation jewelry);
 - (f) Articles of section XVI (machinery, mechanical appliances and electrical goods);
 - (g) Assembled railway or tramway track (heading 8608) or other articles of section XVII (vehicles, ships and boats, aircraft);
 - (h) Instruments or apparatus of section XVIII, including clock or watch springs;
 - (ij) Lead shot prepared for ammunition (heading 9306) or other articles of section XIX (arms and ammunition);
 - (k) Articles of chapter 94 (for example, furniture, mattress supports, lamps and lighting fittings, illuminated signs, prefabricated buildings);
 - (l) Articles of chapter 95 (for example, toys, games, sports equipment);
 - (m) Hand sieves, buttons, pens, pencil-holders, pen nibs or other articles of chapter 96 (miscellaneous manufactured articles); or
 - (n) Articles of chapter 97 (for example, works of art).
2. Throughout the tariff schedule, the expression "parts of general use" means:
 - (a) Articles of heading 7307, 7312, 7315, 7317 or 7318 and similar articles of other base metals;
 - (b) Springs and leaves for springs, of base metal, other than clock or watch springs (heading 9114); and
 - (c) Articles of heading 8301, 8302, 8308 or 8310 and frames and mirrors, of base metal, of heading 8306.
- In chapters 73 to 76 and 78 to 82 (but not in heading 7315) references to parts of goods do not include references to parts of general use as defined above.
- Subject to the preceding paragraph and to note 1 to chapter 83, the articles of chapter 82 or 83 are excluded from chapters 72 to 76 and 78 to 81.
3. Throughout the schedule, the expression "base metals" means: iron and steel, copper, nickel, aluminum, lead, zinc, tin, tungsten (wolfram), molybdenum, tantalum, magnesium, cobalt, bismuth, cadmium, titanium, zirconium, antimony, manganese, beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium (columbium), rhenium and thallium.
4. Throughout the schedule, the term "cermets" means products containing a microscopic heterogeneous combination of a metallic component and a ceramic component. The term "cermets" includes sintered metal carbides (metal carbides sintered with a metal).

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5. Classification of alloys (other than ferroalloys and master alloys as defined in chapters 72 and 74):
 - (a) An alloy of base metals is to be classified as an alloy of the metal which predominates by weight over each of the other metals.
 - (b) An alloy composed of base metals of this section and of elements not falling within this section is to be treated as an alloy of base metals of this section if the total weight of such metals equals or exceeds the total weight of the other elements present.
 - (c) In this section the term "alloys" includes sintered mixtures of metal powders, heterogeneous intimate mixtures obtained by melting (other than cermets) and intermetallic compounds.
6. Unless the context otherwise requires, any reference in the tariff schedule to a base metal includes a reference to alloys which, by virtue of note 5 above, are to be classified as alloys of that metal.
7. Classification of composite articles:

Except where the headings otherwise require, articles of base metal (including articles of mixed materials treated as articles of base metal under the General Rules of Interpretation) containing two or more base metals are to be treated as articles of the base metal predominating by weight over each of the other metals. For this purpose:

 - (a) Iron and steel, or different kinds of iron or steel, are regarded as one and the same metal;
 - (b) An alloy is regarded as being entirely composed of that metal as an alloy of which, by virtue of note 5, it is classified; and
 - (c) A cermet of heading 8113 is regarded as a single base metal.
8. In this section, the following expressions have the meanings hereby assigned to them:
 - (a) Waste and scrap

Metal waste and scrap from the manufacture or mechanical working of metals, and metal goods definitely not usable as such because of breakage, cutting-up, wear or other reasons.
 - (b) Powders

Products of which 90 percent or more by weight passes through a sieve having a mesh aperture of 1 mm.

Additional U.S. Note

1. For the purposes of this section, the term "unwrought" refers to metal, whether or not refined, in the form of ingots, blocks, lumps, billets, cakes, slabs, pigs, cathodes, anodes, briquettes, cubes, sticks, grains, sponge, pellets, flattened pellets, rounds, rondelles, shot and similar manufactured primary forms, but does not cover rolled, forged, drawn or extruded products, tubular products or cast or sintered forms which have been machined or processed otherwise than by simple trimming, scalping or descaling.

CHAPTER 72
IRON AND STEEL

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Notes

1. In this chapter and, in the case of notes (d), (e) and (f) below throughout the tariff schedule, the following expressions have the meanings hereby assigned to them:

(a) Pig iron

Iron-carbon alloys not usefully malleable, containing more than 2 percent by weight of carbon and which may contain by weight one or more other elements within the following limits:

- not more than 10 percent of chromium
- not more than 6 percent of manganese
- not more than 3 percent of phosphorus
- not more than 8 percent of silicon
- a total of not more than 10 percent of other elements.

(b) Spiegeleisen

Iron-carbon alloys containing by weight more than 6 percent but not more than 30 percent of manganese and otherwise conforming to the specification at (a) above.

(c) Ferroalloys

Alloys in pigs, blocks, lumps or similar primary forms, in forms obtained by continuous casting and also in granular or powder forms, whether or not agglomerated, commonly used as an additive in the manufacture of other alloys or as deoxidants, desulfurizing agents or for similar uses in ferrous metallurgy and generally not usefully malleable, containing by weight 4 percent or more of the element iron and one or more of the following:

- more than 10 percent of chromium
- more than 30 percent of manganese
- more than 3 percent of phosphorus
- more than 8 percent of silicon
- a total of more than 10 percent of other elements, excluding carbon, subject to a maximum content of 10 percent in the case of copper.

(d) Steel

Ferrous materials other than those of heading 7203 which (with the exception of certain types produced in the form of castings) are usefully malleable and which contain by weight 2 percent or less of carbon. However, chromium steels may contain higher proportions of carbon.

(e) Stainless steel

Alloy steels containing, by weight 1.2 percent or less of carbon and 10.5 percent or more of chromium, with or without other elements.

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(f) Other alloy steel

Steels not complying with the definition of stainless steel and containing by weight one or more of the following elements in the proportion shown:

- 0.3 percent or more of aluminum
- 0.0008 percent or more of boron
- 0.3 percent or more of chromium
- 0.3 percent or more of cobalt
- 0.4 percent or more of copper
- 0.4 percent or more of lead
- 1.65 percent or more of manganese
- 0.08 percent or more of molybdenum
- 0.3 percent or more of nickel
- 0.06 percent or more of niobium
- 0.6 percent or more of silicon.
- 0.05 percent or more of titanium
- 0.3 percent or more of tungsten (wolfram)
- 0.1 percent or more of vanadium
- 0.05 percent or more of zirconium
- 0.1 percent or more of other elements (except sulfur, phosphorus, carbon and nitrogen), taken separately.

(g) Remelting scrap ingots of iron or steel

Products roughly cast in the form of ingots without feeder-heads or hot tops, or of pigs, having obvious surface faults and not complying with the chemical composition of pig iron, spiegeleisen or ferroalloys.

(h) Granules

Products of which less than 90 percent by weight passes through a sieve with a mesh aperture of 1 mm and of which 90 percent or more by weight passes through a sieve with a mesh aperture of 5 mm.

(ij) Semifinished products

Continuous cast products of solid section, whether or not subjected to primary hot-rolling; and

Other products of solid section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging, including blanks for angles, shapes or sections.

These products are not presented in coils.

(k) Flat-rolled products

Rolled products of solid rectangular (other than square) cross section, which do not conform to the definition at (ij) above in the form of:

- coils of successively superimposed layers, or
- straight lengths, which if of a thickness less than 4.75 mm are of a width measuring at least 10 times the thickness or if of a thickness of 4.75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness.

Flat-rolled products include those with patterns in relief derived directly from rolling (for example, grooves, ribs, checkers, tears, buttons, lozenges) and those which have been perforated, corrugated or polished, provided that they do not thereby assume the character of articles or products of other headings.

Flat-rolled products of a shape other than rectangular or square, of any size, are to be classified as products of a width of 600 mm or more, provided that they do not assume the character of articles or products of other headings.

(l) Bars and rods, hot-rolled, in irregularly wound coils

Hot-rolled products in irregularly wound coils, which have a solid cross section in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). These products may have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods).

(m) Other bars and rods

Products which do not conform to any of the definitions at (ij), (k) or (l) above or to the definition of wire, which have a uniform solid cross section along their whole length in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). These products may:

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);
- be twisted after rolling.

(n) Angles, shapes and sections

Products having a uniform solid cross section along their whole length which do not conform to any of the definitions at (ij), (k), (l) or (m) above or to the definition of wire.

Chapter 72 does not include products of heading 7301 or 7302.

(o) Wire

Cold-formed products in coils, of any uniform solid cross section along their whole length, which do not conform to the definition of flat-rolled products.

(p) Hollow drill bars and rods

Hollow bars and rods of any cross section, suitable for drills, of which the greatest external dimension of the cross section exceeds 15 mm but does not exceed 52 mm, and of which the greatest internal dimension does not exceed one half of the greatest external dimension. Hollow bars and rods of iron or steel not conforming to this definition are to be classified in heading 7304.

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2. Ferrous metals clad with another ferrous metal are to be classified as products of the ferrous metal predominating by weight.
3. Iron or steel products obtained by electrolytic deposition, by pressure casting or by sintering are to be classified according to their form, their composition and their appearance, in the headings of this chapter appropriate to similar hot-rolled products.

Pig iron containing, by weight, one or more of the following elements in the specified proportions:

- more than 0.2 percent of chromium
- more than 0.3 percent of copper

Subheading Notes

1. In this chapter the following expressions have the meanings hereby assigned to them:

(a) Alloy pig iron

- more than 0.3 percent of nickel
- more than 0.1 percent of any of the following elements: aluminum, molybdenum, titanium, tungsten (wolfram), vanadium.

(b) Nonalloy free-cutting steel

Nonalloy steel containing by weight one or more of the following elements in the specified proportions:

- 0.08 percent or more of sulfur
- 0.1 percent or more of lead
- more than 0.05 percent of selenium
- more than 0.01 percent of tellurium
- more than 0.05 percent of bismuth.

(c) Silicon electrical steel

Alloy steels containing by weight at least 0.6 percent but not more than 6 percent of silicon and not more than 0.08 percent of carbon. They may also contain by weight not more than 1 percent of aluminum but no other element in a proportion that would give the steel the characteristics of another alloy steel.

(d) High-speed steel

Alloy steels containing, with or without other elements, at least two of the three elements molybdenum, tungsten and vanadium with a combined content by weight of 7 percent or more, 0.6 percent or more of carbon and 3 to 6 percent of chromium.

(e) Silico-manganese steel

Alloy steels containing by weight:

- not more than 0.7 percent of carbon,
- 0.5 percent or more but not more than 1.9 percent of manganese, and
- 0.6 percent or more but not more than 2.3 percent of silicon, but no other element in a proportion that would give the steel the characteristics of another alloy steel.

2. For the classification of ferroalloys in the subheadings of heading 7202 the following rule should be observed:

A ferroalloy is considered as binary and classified under the relevant subheading (if it exists) if only one of the alloy elements exceeds the minimum percentage laid down in chapter note 1(c); by analogy, it is considered respectively as ternary or quaternary if two or three alloy elements exceed the minimum percentage.

For the application of this rule, the unspecified "other elements" referred to in chapter note I(c) must each exceed 10 percent by weight.

Additional U.S. Notes

1. For the purposes of the tariff schedule the following expressions have the meanings hereby assigned to them:

(a) High-strength steel

Flat-rolled products of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa.

(b) Universal mill plate

Flat-rolled products rolled on four faces or in a closed box pass, of a width exceeding 150 mm but not exceeding 1,250 mm and of thickness of not less than 4 mm, not in coils and without patterns in relief.

(c) Concrete reinforcing bars and rods

Hot-rolled bars and rods containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling.

(d) Razor blade steel

Flat-rolled products of stainless steel not over 0.25 mm in thickness and not over 23 mm in width, and containing by weight not over 14.7 percent of chromium, certified at the time of entry to be used in the manufacture of razor blades.

(e) Tool steel

Alloy steels which contain the following combinations of elements in the quantity by weight respectively indicated:

- (i) more than 1.2 percent carbon and more than 10.5 percent chromium; or
- (ii) not less than 0.3 percent carbon and 1.25 percent or more but less than 10.5 percent chromium; or
- (iii) not less than 0.85 percent carbon and 1 percent to 1.8 percent, inclusive, manganese; or
- (iv) 0.9 percent to 1.2 percent, inclusive, chromium and 0.9 percent to 1.4 percent, inclusive, molybdenum; or
- (v) not less than 0.5 percent carbon and not less than 3.5 percent molybdenum; or
- (vi) not less than 0.5 percent carbon and not less than 5.5 percent tungsten.

(f) Chipper knife steel

Alloy tool steels which contain, in addition to iron, each of the following elements by weight in the amount specified:

- (i) not less than 0.48 nor more than 0.55 percent of carbon;
- (ii) not less than 0.2 nor more than 0.5 percent of manganese;
- (iii) not less than 0.75 nor more than 1.05 percent of silicon;
- (iv) not less than 7.25 nor more than 8.75 percent of chromium;
- (v) not less than 1.25 nor more than 1.75 percent of molybdenum;
- (vi) none, or not more than 1.75 percent of tungsten; and
- (vii) not less than 0.2 nor more than 0.55 percent of vanadium.

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(g) Ball-bearing steel

Alloy tool steels which contain, in addition to iron, each of the following elements by weight in the amount specified:

- (i) not less than 0.95 nor more than 1.13 percent of carbon;
 - (ii) not less than 0.22 nor more than 0.48 percent of manganese;
 - (iii) none, or not more than 0.03 percent of sulfur;
 - (iv) none, or not more than 0.03 percent of phosphorus;
 - (v) not less than 0.18 nor more than 0.37 percent of silicon;
 - (vi) not less than 1.25 nor more than 1.65 percent of chromium;
 - (vii) none, or not more than 0.28 percent of nickel;
 - (viii) none, or not more than 0.38 percent of copper; and
 - (ix) none, or not more than 0.09 percent of molybdenum.
2. For the purposes of this chapter, unless the context provides otherwise, the term "further worked" refers to products subjected to any of the following surface treatments: polishing and burnishing; artificial oxidation; chemical surface treatments such as phosphatizing, oxalating and borating; coating with metal; coating with nonmetallic substances (e.g., enameling, varnishing, lacquering, painting, coating with plastics materials); or cladding.
3. No allowance or reduction of duties for partial damage or loss in consequence of discoloration or rust occurring before entry shall be made upon iron or steel or upon any article of iron or steel.

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Heading/ Subheading	Article Description	Rates of Duty		
		1	2	
		General	Special	
	I. <u>PRIMARY MATERIALS: PRODUCTS IN GRANULAR OR POWDER FORM</u>			
7201	Pig iron and spiegeleisen in pigs, blocks or other primary forms:			
7201.10.00	Nonalloy pig iron containing by weight 0.5 percent or less of phosphorus	Free		\$1.11/t
7201.20.00	Nonalloy pig iron containing by weight more than 0.5 percent of phosphorus	Free		\$1.11/t
7201.50.00	Alloy pig iron; spiegeleisen	Free		\$1.11/t
7202	Ferroalloys:			
	Ferromanganese:			
7202.11.00	Containing by weight more than 2 percent of carbon	1.5%	Free (CA,E,IL, J,MX)	10.5%
7202.19	Other:			
7202.19.10	Containing by weight not more than 1 percent of carbon	2.3%	Free (CA,E,IL,J, MX)	22%
7202.19.50	Containing by weight more than 1 percent but not more than 2 percent of carbon	1.4%	Free (CA,E,IL,J, MX)	6.5%
	Ferrosilicon:			
7202.21.00	Containing by weight more than 55 percent of silicon	1.5%	Free (CA,E,IL, J,MX)	11.5%
7202.29.00	Other	Free		4.4¢/kg on silicon content
7202.30.00	Ferrosilicon manganese	3.9%	Free (CA,E,IL, J,MX)	23%
	Ferrochromium:			
7202.41.00	Containing by weight more than 4 percent of carbon	1.9%	Free (CA,E,IL,J, MX)	7.5%
7202.49.00	Other	3.1%	Free (CA,E,IL,J, MX)	30%
7202.50.00	Ferrosilicon chromium	10%	Free (CA,E,IL, J,MX)	25%
7202.60.00	Ferronickel	Free		6.6¢/kg
7202.70.00	Ferromolybdenum	4.5%	Free (CA,E,IL, J,MX)	31.5%
7202.80.00	Ferrotungsten and ferrosilicon tungsten	5.6%	Free (CA,E,IL,J, MX)	35%
	Other:			
7202.91.00	Ferrotitanium and ferrosilicon titanium	3.7%	Free (CA,E,IL, J,MX)	25%
7202.92.00	Ferrovanadium	4.2%	Free (CA,E,IL, J,MX)	25%
7202.93.00	Ferroniobium	5%	Free (CA,E,IL, J,MX)	25%
7202.99.00	Other	5%	Free (CA,E,IL, J,MX)	25%

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Heading/ Subheading	Article Description	Rates of Duty	
		1	2
		General	Special
7203	Ferrous products obtained by direct reduction of iron ore and other spongy ferrous products, in lumps, pellets or similar forms; iron having a minimum purity by weight of 99.94 percent, in lumps, pellets or similar forms:		
7203.10.00	Ferrous products obtained by direct reduction of iron ore	Free	\$2.21/t
7203.90.00	Other	Free	\$2.21/t
7204	Ferrous waste and scrap; remelting scrap ingots of iron or steel:		
7204.10.00	Waste and scrap of cast iron	Free	74¢/t
7204.21.00	Waste and scrap of alloy steel:		
7204.29.00	Of stainless steel	Free	74¢/t
7204.30.00	Other	Free	74¢/t
	Waste and scrap of tinned iron or steel	Free	Free
7204.41.00	Other waste and scrap:		
	Turnings, shavings, chips, milling waste, sawdust, fillings, trimmings and stampings, whether or not in bundles	Free	74¢/t
7204.49.00	Other	Free	74¢/t
7204.50.00	Remelting scrap ingots	Free	74¢/t
7205	Granules and powders, of pig iron, spiegeleisen, iron or steel:		
7205.10.00	Granules	Free	3%
7205.21.00	Powders:		
	Of alloy steel	Free	45%
7205.29.00	Other	Free	\$2.21/t

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Heading/ Subheading	Article Description	Rates of Duty	
		1	2
		General	Special
<u>II. IRON AND NONALLOY STEEL</u>			
7206	Iron and nonalloy steel in ingots or other primary forms (excluding iron of heading 7203): Ingots	Free	
7206.90.00	Other	Free	20% 20%
7207	Semifinished products of iron or nonalloy steel: Containing by weight less than 0.25 percent of carbon: Of rectangular (including square) cross section, the width measuring less than twice the thickness	Free	20%
7207.11.00			
7207.12.00	Other, of rectangular (other than square) cross section	Free	20%
7207.19.00			
7207.20.00	Other Containing by weight 0.25 percent or more of carbon	Free	20%
7208	Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, hot-rolled, not clad, plated or coated:		
7208.10.00	In coils, not further worked than hot-rolled, with patterns in relief	Free	20%
7208.25.00	Other, in coils, not further worked than hot-rolled, pickled: Of a thickness of 4.75 mm or more	Free	0.4¢/kg + 20%
7208.26.00			
7208.27.00	Of a thickness of 3 mm or more but less than 4.75 mm	Free	0.4¢/kg + 20%
7208.27.00	Of a thickness of less than 3 mm	Free	0.4¢/kg + 20%
7208.36.00	Other, in coils, not further worked than hot-rolled: Of a thickness exceeding 10 mm	Free	20%
7208.37.00			
7208.37.00	Of a thickness of 4.75 mm or more but not exceeding 10 mm	Free	20%
7208.38.00			
7208.38.00	Of a thickness of 3 mm or more but less than 4.75 mm	Free	20%
7208.39.00			
7208.39.00	Of a thickness of less than 3 mm	Free	20%
7208.40.00			
7208.40.00	Not in coils, not further worked than hot-rolled, with patterns in relief	Free	20%
7208.51.00			
7208.51.00	Other, not in coils, not further worked than hot-rolled: Of a thickness exceeding 10 mm	Free	20%
7208.52.00			
7208.52.00	Of a thickness of 4.75 mm or more but not exceeding 10 mm	Free	20%
7208.53.00			
7208.53.00	Of a thickness of 3 mm or more but less than 4.75 mm	Free	20%
7208.54.00			
7208.54.00	Of a thickness of less than 3 mm	Free	20%
7208.90.00	Other	Free	20%

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Heading/ Subheading	Article Description	Rates of Duty	
		1	2
		General	Special
7209	Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, cold-rolled (cold-reduced), not clad, plated or coated: In coils, not further worked than cold-rolled (cold-reduced): Of a thickness of 3 mm or more	Free	0.4¢/kg + 20%
7209.15.00	Of a thickness exceeding 1 mm but less than 3 mm	Free	0.4¢/kg + 20%
7209.17.00	Of a thickness of 0.5 mm or more but not exceeding 1 mm	Free	0.4¢/kg + 20%
7209.18.00	Of a thickness of less than 0.5 mm	Free	0.4¢/kg + 20%
7209.25.00	Not in coils, not further worked than cold-rolled (cold-reduced): Of a thickness of 3 mm or more	Free	0.4¢/kg + 20%
7209.26.00	Of a thickness exceeding 1 mm but less than 3 mm	Free	0.4¢/kg + 20%
7209.27.00	Of a thickness of 0.5 mm or more but not exceeding 1 mm	Free	0.4¢/kg + 20%
7209.28.00	Of a thickness of less than 0.5 mm	Free	0.4¢/kg + 20%
7209.90.00	Other	Free	0.4¢/kg + 20%
7210	Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, clad, plated or coated: Plated or coated with tin: Of a thickness of 0.5 mm or more	Free	6%
7210.11.00	Of a thickness of less than 0.5 mm	Free	6%
7210.20.00	Plated or coated with lead, including terne-plate	Free	6%
7210.30.00	Electrolytically plated or coated with zinc	Free	21.5%
7210.41.00	Otherwise plated or coated with zinc: Corrugated	Free	21.5%
7210.49.00	Other	Free	21.5%
7210.50.00	Plated or coated with chromium oxides or with chromium and chromium oxides	Free	45%
7210.61.00	Plated or coated with aluminum: Plated or coated with aluminum-zinc alloys	Free	21.5%
7210.69.00	Other	Free	21.5%
7210.70.00	Painted, varnished or coated with plastics	Free	21.5%
7210.90.00	Other	Free	21.5%

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Heading/ Subheading	Article Description	Rates of Duty	
		1	2
		General	Special
7211	Flat-rolled products of iron or nonalloy steel, of a width of less than 600 mm, not clad, plated or coated: Not further worked than hot-rolled: Universal mill plate	Free	
7211.13.00	Other, of a thickness of 4.75 mm or more	Free	20%
7211.14.00	Other	Free	20%
7211.19.00	Not further worked than cold-rolled (cold-reduced): Containing by weight less than 0.25 percent of carbon	Free	25%
7211.23.00	Other	Free	25%
7211.29.00	Other	Free	25%
7211.90.00	Other	Free	20%
7212	Flat-rolled products of iron or nonalloy steel, of a width of less than 600 mm, clad, plated or coated: Plated or coated with tin	Free	6%
7212.10.00	Electrolytically plated or coated with zinc	Free	21.5%
7212.20.00	Otherwise plated or coated with zinc	Free	25%
7212.30.00	Painted, varnished or coated with plastics	Free	25%
7212.40.00	Otherwise plated or coated	Free	21.5%
7212.50.00	Clad	Free	30%
7213	Bars and rods, hot-rolled, in irregularly wound coils, of iron or nonalloy steel: Concrete reinforcing bars and rods	Free	20%
7213.10.00	Other, of free-cutting steel	Free	5.5%
7213.20.00	Other: Of circular cross section measuring less than 14 mm in diameter	Free	5.5%
7213.91.00	Other	Free	5.5%
7213.99.00	Other	Free	5.5%
7214	Other bars and rods of iron or nonalloy steel, not further worked than forged, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling: Forged	Free	20%
7214.10.00	Concrete reinforcing bars and rods	Free	20%
7214.20.00	Other, of free-cutting steel	Free	20%
7214.30.00	Other: Of rectangular (other than square) cross-section	Free	20%
7214.91.00	Other	Free	20%
7214.99.00	Other	Free	20%
7215	Other bars and rods of iron or nonalloy steel: Of free-cutting steel, not further worked than cold-formed or cold-finished	Free	0.3¢/kg + 20%
7215.10.00	Other, not further worked than cold-formed or cold-finished	Free	0.3¢/kg + 20%
7215.50.00	Other	Free	0.4¢/kg + 20%
7215.90.00	Other	Free	0.4¢/kg + 20%

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XVI
72-12

Heading/ Subheading	Article Description	Rates of Duty		
		1	2	
		General	Special	
7216 7216.10.00	Angles, shapes and sections of iron or nonalloy steel: U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm	Free		2%
7216.21.00 7216.22.00	L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm: L sections	Free		2%
	T sections	Free		2%
7216.31.00 7216.32.00 7216.33.00	U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more: U sections	Free		2%
	I sections (standard beams)	Free		2%
	H sections	Free		2%
7216.40.00	L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more	Free		2%
7216.50.00	Other angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded	Free		2%
	Angles, shapes and sections, not further worked than cold-formed or cold-finished: Obtained from flat-rolled products	Free		20%
7216.61.00 7216.69.00	Other	Free		20%
7216.91.00	Other: Cold-formed or cold-finished from flat-rolled products	Free		20%
7216.99.00	Other	Free		20%
7217 7217.10.00	Wire of iron or nonalloy steel: Not plated or coated, whether or not polished	Free		25%
7217.20.00	Plated or coated with zinc	Free		26%
7217.30.00	Plated or coated with other base metals	Free		26%
7217.90.00	Other	Free		35%

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XVI
72-13

Heading/ Subheading	Article Description	Rates of Duty	
		1	2
		General	Special
<u>III. STAINLESS STEEL</u>			
7218	Stainless steel in ingots or other primary forms; semi-finished products of stainless steel: Ingots and other primary forms	Free	29%
7218.10.00	Other: Of rectangular (other than square) cross- section	Free	29%
7218.91.00	Other	Free	29%
7218.99.00	Other	Free	29%
7219	Flat-rolled products of stainless steel, of a width of 600 mm or more: Not further worked than hot-rolled, in coils: Of a thickness exceeding 10 mm	Free	29%
7219.11.00	Of a thickness of 4.75 mm or more but not exceeding 10 mm	Free	29%
7219.12.00	Of a thickness of 3 mm or more but less than 4.75 mm	Free	29%
7219.13.00	Of a thickness of less than 3 mm	Free	29%
7219.21.00	Not further worked than hot-rolled, not in coils: Of a thickness exceeding 10 mm	Free	29%
7219.22.00	Of a thickness of 4.75 mm or more but not exceeding 10 mm	Free	29%
7219.23.00	Of a thickness of 3 mm or more but less than 4.75 mm	Free	29%
7219.24.00	Of a thickness of less than 3 mm	Free	29%
7219.31.00	Not further worked than cold-rolled (cold-reduced): Of a thickness of 4.75 mm or more	Free	29%
7219.32.00	Of a thickness of 3 mm or more but less than 4.75 mm	Free	29%
7219.33.00	Of a thickness exceeding 1 mm but less than 3 mm	Free	29%
7219.34.00	Of a thickness of 0.5 mm or more but not exceeding 1 mm	Free	29%
7219.35.00	Of a thickness of less than 0.5 mm	Free	29%
7219.90.00	Other	Free	29%
7220	Flat-rolled products of stainless steel, of a width of less than 600 mm: Not further worked than hot-rolled: Of a thickness of 4.75 mm or more	Free	29%
7220.11.00	Of a thickness of less than 4.75 mm	Free	34%
7220.12.00	Not further worked than cold-rolled (cold-reduced)	Free	29%
7220.20.00	Other	Free	46%
7220.90.00	Other	Free	46%

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XVI
72-14

Heading/ Subheading	Article Description	Rates of Duty		
		1	2	
		General	Special	
7221.00.00	Bars and rods, hot-rolled, in irregularly wound coils, of stainless steel	Free		11%
7222	Other bars and rods of stainless steel; angles, shapes and sections of stainless steel: Bars and rods, not further worked than hot-rolled, hot-drawn or extruded: Of circular cross-section Other	Free Free		29% 29%
7222.11.00 7222.19.00 7222.20.00	Bars and rods, not further worked than cold-formed or cold-finished	Free		29%
7222.30.00 7222.40.00	Other bars and rods Angles, shapes and sections	Free Free		29% 10%
7223.00.00	Wire of stainless steel	Free		34%

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XVI
72-15

Heading/ Subheading	Article Description	Rates of Duty		
		1	2	
		General	Special	
	IV. OTHER ALLOY STEEL; HOLLOW DRILL BARS AND RODS, OF ALLOY OR NONALLOY STEEL			
7224	Other alloy steel in ingots or other primary forms; semi-finished products of other alloy steel:			
7224.10.00	Ingots and other primary forms	Free		28%
7224.90.00	Other	Free		28%
7225	Flat-rolled products of other alloy steel, of a width of 600 mm or more:			
	Of silicon electrical steel:			
7225.11.00	Grain-oriented	Free		28%
7225.19.00	Other	Free		28%
7225.20.00	Of high-speed steel	Free		32%
7225.30.00	Other, not further worked than hot-rolled, in coils	Free		28%
7225.40.00	Other, not further worked than hot-rolled, not in coils	Free		29%
7225.50.00	Other, not further worked than cold-rolled (cold-reduced)	Free		29%
	Other:			
7225.91.00	Electrolytically plated or coated with zinc	Free		28%
7225.92.00	Otherwise plated or coated with zinc	Free		28%
7225.99.00	Other	Free		28%
7226	Flat-rolled products of other alloy steel, of a width of less than 600 mm:			
	Of silicon electrical steel:			
7226.11.00	Grain-oriented	Free		33%
7226.19.00	Other	Free		33%
7226.20.00	Of high-speed steel	Free		37%
7226.91.00	Other:			
	Not further worked than hot-rolled	Free		28%
7226.92.00	Not further worked than cold-rolled (cold-reduced)	Free		33%
7226.93.00	Electrolytically plated or coated with zinc	Free		33%
7226.94.00	Otherwise plated or coated with zinc	Free		33%
7226.99.00	Other	Free		33%

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XVI
72-16

Heading/ Subheading	Article Description	Rates of Duty		
		1	2	
		General	Special	
7227	Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel: Of high-speed steel	Free		14%
7227.10.00	Of silico-manganese steel	Free		10%
7227.20.00	Other	Free		12%
7228	Other bars and rods of other alloy steel; angles, shapes and sections, of other alloy steel; hollow drill bars and rods, of alloy or non-alloy steel: Bars and rods, of high-speed steel	Free		32%
7228.10.00	Bars and rods, of silico-manganese steel	Free		28%
7228.20.00	Other bars and rods, not further worked than hot-rolled, hot-drawn or extruded	Free		29%
7228.30.00	Other bars and rods, not further worked than forged	Free		28%
7228.40.00	Other bars and rods, not further worked than cold-formed or cold-finished	Free		29%
7228.50.00	Other bars and rods	Free		29%
7228.60.00	Angles, shapes and sections	Free		28%
7228.70.00	Hollow drill bars and rods	Free		30%
7229	Wire of other alloy steel: Of high-speed steel	Free		37%
7229.10.00	Of silico-manganese steel	Free		33%
7229.20.00	Other	Free		33%
7229.90.00				

Tariff Simplification (Inv. 332-388)

Concordance and Change Record (Changes Indicated with Bold Type)

Chapter 72

Chapter Note Changes:

Add:

Delete:

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7201.10.00	7201.10.00	Free	Free
7201.20.00	7201.20.00	Free	Free
7201.50.30	7201.50.00	Free	Free
7201.50.60	7201.50.00	Free	Free
7201.11.10	7202.11.00	1.4%	1.5%
7202.11.50	7202.11.00	1.5%	1.5%
7202.19.10	7202.19.10	2.3%	2.3%
7202.19.50	7202.19.50	1.4%	1.4%
7202.21.10	7202.21.00	1.1%	1.5%
7202.21.50	7202.21.00	1.5%	1.5%
7202.21.75	7202.21.00	1.9%	1.5%
7202.21.90	7202.21.00	5.8%	1.5%
7202.29.00	7202.29.00	Free	Free
7202.30.00	7202.30.00	3.9%	3.9%
7202.41.00	7202.41.00	1.9%	1.9%
7202.49.10	7202.49.00	1.9%	3.1%
7202.49.50	7202.49.00	3.1%	3.1%
7202.50.00	7202.50.00	10%	10%
7202.60.00	7202.60.00	Free	Free
7202.70.00	7202.70.00	4.5%	4.5%
7202.80.00	7202.80.00	5.6%	5.6%

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7202.91.00	7202.91.00	3.7%	3.7%
7202.92.00	7202.92.00	4.2%	4.2%
7202.93.00	7202.93.00	5%	5%
7202.99.10	7202.99.00	4.2%	5%
7202.99.50	7202.99.00	5%	5%
7203.10.00	7203.10.00	Free	Free
7203.90.00	7203.90.00	Free	Free
7204.10.00	7204.10.00	Free	Free
7204.21.00	7204.21.00	Free	Free
7204.29.00	7204.29.00	Free	Free
7204.30.00	7204.30.00	Free	Free
7204.41.00	7204.41.00	Free	Free
7204.49.00	7204.49.00	Free	Free
7204.50.00	7204.50.00	Free	Free
7205.10.00	7205.10.00	Free	Free
7205.21.00	7205.21.00	Free	Free
7205.29.00	7205.29.00	Free	Free
7206.10.00	7206.10.00	Free	Free
7206.90.00	7206.90.00	Free	Free
7207.11.00	7207.11.00	Free	Free
7207.12.00	7207.12.00	Free	Free
7207.19.00	7207.19.00	Free	Free
7207.20.00	7207.20.00	Free	Free
7208.10.15	7208.10.00	Free	Free
7208.10.30	7208.10.00	Free	Free
7208.10.60	7208.10.00	Free	Free
7208.25.30	7208.25.00	Free	Free
7208.25.60	7208.25.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7208.26.00	7208.26.00	Free	Free
7208.2700	7208.2700	Free	Free
7208.3600	7208.3600	Free	Free
7208.37.00	7208.37.00	Free	Free
7208.38.00	7208.38.00	Free	Free
7208.39.00	7208.39.00	Free	Free
7208.40.30	7208.40.00	Free	Free
7208.40.60	7208.40.00	Free	Free
7208.51.00	7208.51.00	Free	Free
7208.52.00	7208.52.00	Free	Free
7208.53.00	7208.53.00	Free	Free
7208.54.00	7208.54.00	Free	Free
7208.90.00	7208.90.00	Free	Free
7209.15.00	7209.15.00	Free	Free
7209.16.00	7209.16.00	Free	Free
7209.17.00	7209.17.00	Free	Free
7209.18.15	7209.18.00	Free	Free
7209.18.25	7209.18.00	Free	Free
7209.18.60	7209.18.00	Free	Free
7209.25.00	7209.25.00	Free	Free
7209.26.00	7209.26.00	Free	Free
7209.27.00	7209.27.00	Free	Free
7209.28.00	7209.28.00	Free	Free
7209.90.00	7209.90.00	Free	Free
7210.11.00	7210.11.00	Free	Free
7210.12.00	7210.12.00	Free	Free
7210.20.00	7210.20.00	Free	Free
7210.30.00	7210.30.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7210.41.00	7210.41.00	Free	Free
7210.49.00	7210.49.00	Free	Free
7210.50.00	7210.50.00	Free	Free
7210.61.00	7210.61.00	Free	Free
7210.69.00	7210.69.00	Free	Free
7210.70.30	7210.70.00	Free	Free
7210.70.60	7210.70.00	Free	Free
7210.90.10	7210.90.00	Free	Free
7210.90.60	7210.90.00	Free	Free
7210.90.90	7210.90.00	Free	Free
7211.13.00	7211.13.00	Free	Free
7211.14.00	7211.14.00	Free	Free
7211.19.15	7211.19.00	Free	Free
7211.19.20	7211.19.00	Free	Free
7211.19.30	7211.19.00	Free	Free
7211.19.45	7211.19.00	Free	Free
7211.19.60	7211.19.00	Free	Free
7211.19.75	7211.19.00	Free	Free
7211.23.15	7211.23.00	Free	Free
7211.23.20	7211.23.00	Free	Free
7211.23.30	7211.23.00	Free	Free
7211.23.45	7211.23.00	Free	Free
7211.23.60	7211.23.00	Free	Free
7211.29.20	7211.29.00	Free	Free
7211.29.45	7211.29.00	Free	Free
7211.29.60	7211.29.00	Free	Free
7211.90.00	7211.90.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7212.10.00	7212.10.00	Free	Free
7212.20.00	7212.20.00	Free	Free
7212.30.10	7212.30.00	Free	Free
7212.30.30	7212.30.00	Free	Free
7212.30.50	7212.30.00	Free	Free
7212.40.10	7212.40.00	Free	Free
7212.40.50	7212.40.00	Free	Free
7212.50.00	7212.50.00	Free	Free
7212.60.00	7212.60.00	Free	Free
7213.10.00	7213.10.00	Free	Free
7213.20.00	7213.20.00	Free	Free
7213.91.30	7213.91.00	Free	Free
7213.91.45	7213.91.00	Free	Free
7213.91.60	7213.91.00	Free	Free
7213.99.00	7213.99.00	Free	Free
7214.10.00	7214.10.00	Free	Free
7214.20.00	7214.20.00	Free	Free
7214.30.00	7214.30.00	Free	Free
7214.91.00	7214.91.00	Free	Free
7214.99.00	7214.99.00	Free	Free
7215.10.00	7215.10.00	Free	Free
7215.50.00	7215.50.00	Free	Free
7215.90.10	7215.90.00	Free	Free
7215.90.30	7215.90.00	Free	Free
7215.90.50	7215.90.00	Free	Free
7216.10.00	7216.10.00	Free	Free
7216.21.00	7216.21.00	Free	Free
7216.22.00	7216.22.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7216.31.00	7216.31.00	Free	Free
7216.32.00	7216.32.00	Free	Free
7216.33.00	7216.33.00	Free	Free
7216.40.00	7216.40.00	Free	Free
7216.50.00	7216.50.00	Free	Free
7216.61.00	7216.61.00	Free	Free
7216.69.00	7216.69.00	Free	Free
7216.91.00	7216.91.00	Free	Free
7216.99.00	7216.99.00	Free	Free
7217.10.10	7217.10.00	Free	Free
7217.10.20	7217.10.00	Free	Free
7217.10.30	7217.10.00	Free	Free
7217.10.40	7217.10.00	Free	Free
7217.10.50	7217.10.00	Free	Free
7217.10.60	7217.10.00	Free	Free
7217.10.70	7217.10.00	Free	Free
7217.10.80	7217.10.00	Free	Free
7217.10.90	7217.10.00	Free	Free
7217.20.15	7217.20.00	Free	Free
7217.20.30	7217.20.00	Free	Free
7217.20.45	7217.20.00	Free	Free
7217.20.60	7217.20.00	Free	Free
7217.20.75	7217.20.00	Free	Free
7217.30.15	7217.30.00	Free	Free
7217.30.30	7217.30.00	Free	Free
7217.30.45	7217.30.00	Free	Free
7217.30.60	7217.30.00	Free	Free
7217.30.75	7217.30.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7217.90.10	7217.90.00	Free	Free
7217.90.50	7217.90.00	Free	Free
7218.10.00	7218.10.00	Free	Free
7218.91.00	7218.91.00	Free	Free
7218.99.00	7218.99.00	Free	Free
7219.11.00	7219.11.00	Free	Free
7219.12.00	7219.12.00	Free	Free
7219.13.00	7219.13.00	Free	Free
7219.14.00	7219.14.00	Free	Free
7219.21.00	7219.21.00	Free	Free
7219.22.00	7219.22.00	Free	Free
7219.23.00	7219.23.00	Free	Free
7219.24.00	7219.24.00	Free	Free
7219.31.00	7219.31.00	Free	Free
7219.32.00	7219.32.00	Free	Free
7219.33.00	7219.33.00	Free	Free
7219.34.00	7219.34.00	Free	Free
7219.35.00	7219.35.00	Free	Free
7219.90.00	7219.90.00	Free	Free
7220.11.00	7220.11.00	Free	Free
7220.12.10	7220.12.00	Free	Free
7220.12.50	7220.12.00	Free	Free
7220.20.10	7220.20.00	Free	Free
7220.20.60	7220.20.00	Free	Free
7220.20.70	7220.20.00	Free	Free
7220.20.80	7220.20.00	Free	Free
7220.20.90	7220.20.00	Free	Free
7220.90.00	7220.90.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7221.00.00	7221.00.00	Free	Free
7222.11.00	7222.11.00	Free	Free
7222.19.00	7222.19.00	Free	Free
7222.20.00	7222.20.00	Free	Free
7222.30.00	7222.30.00	Free	Free
7222.40.30	7222.40.00	Free	Free
7222.40.60	7222.40.00	Free	Free
7223.00.10	7223.00.00	Free	Free
7223.00.50	7223.00.00	Free	Free
7223.00.90	7223.00.00	Free	Free
7224.10.00	7224.10.00	Free	Free
7224.90.00	7224.90.00	Free	Free
7225.11.00	7225.11.00	Free	Free
7225.19.00	7225.19.00	Free	Free
7225.20.00	7225.20.00	Free	Free
7225.30.10	7225.30.00	Free	Free
7225.30.30	7225.30.00	Free	Free
7225.30.50	7225.30.00	Free	Free
7225.30.70	7225.30.00	Free	Free
7225.40.10	7225.40.00	Free	Free
7225.40.30	7225.40.00	Free	Free
7225.40.50	7225.40.00	Free	Free
7225.40.70	7225.40.00	Free	Free
7225.50.10	7225.50.00	Free	Free
7225.50.60	7225.50.00	Free	Free
7225.50.70	7225.50.00	Free	Free
7225.50.80	7225.50.00	Free	Free
7225.91.00	7225.91.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7225.92.00	7225.92.00	Free	Free
7225.99.00	7225.99.00	Free	Free
7226.11.10	7226.11.00	Free	Free
7226.11.90	7226.11.00	Free	Free
7226.19.10	7226.19.00	Free	Free
7226.19.90	7226.19.00	Free	Free
7226.20.00	7226.20.00	Free	Free
7226.91.05	7226.91.00	Free	Free
7226.91.15	7226.91.00	Free	Free
7226.91.25	7226.91.00	Free	Free
7226.91.50	7226.91.00	Free	Free
7226.91.70	7226.91.00	Free	Free
7226.91.80	7226.91.00	Free	Free
7226.92.10	7226.92.00	Free	Free
7226.92.30	7226.92.00	Free	Free
7226.92.50	7226.92.00	Free	Free
7226.92.70	7226.92.00	Free	Free
7226.92.80	7226.92.00	Free	Free
7226.93.00	7226.93.00	Free	Free
7226.94.00	7226.94.00	Free	Free
7226.99.00	7226.99.00	Free	Free
7227.10.00	7227.10.00	Free	Free
7227.20.00	7227.20.00	Free	Free
7227.90.10	7227.90.00	Free	Free
7227.90.20	7227.90.00	Free	Free
7227.90.60	7227.90.00	Free	Free
7228.10.00	7228.10.00	Free	Free
7228.20.10	7228.20.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
7228.20.50	7228.20.00	Free	Free
7228.30.20	7228.30.00	Free	Free
7228.30.40	7228.30.00	Free	Free
7228.30.60	7228.30.00	Free	Free
7228.30.80	7228.30.00	Free	Free
7228.40.00	7228.40.00	Free	Free
7228.50.10	7228.50.00	Free	Free
7228.50.50	7228.50.00	Free	Free
7228.60.10	7228.60.00	Free	Free
7228.60.60	7228.60.00	Free	Free
7228.60.80	7228.60.00	Free	Free
7228.70.30	7228.70.00	Free	Free
7228.70.60	7228.70.00	Free	Free
7228.80.00	7228.80.00	Free	Free
7229.10.00	7229.10.00	Free	Free
7229.20.00	7229.20.00	Free	Free
7229.90.10	7229.90.00	Free	Free
7229.90.50	7229.90.00	Free	Free
7229.90.90	7229.90.00	Free	Free